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BUCKET NO.: JANS-0042

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Frans E. Janssens, et al.

Application No.: 10/817,472

Filing Date: April 2, 2004

For: RESPIRATORY SYNCYTIAL VIRUS REPLICATION

Confirmation No.:

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT: May 27, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Wendy A. Choi

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REGISTRATION NO.: 36,697

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

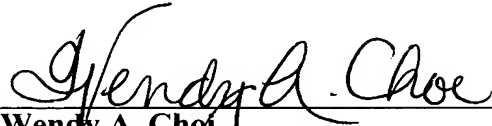
EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☒ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☒ Copies of references **1 thru 28** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **10/019,380**, filed **December 27, 2001**.

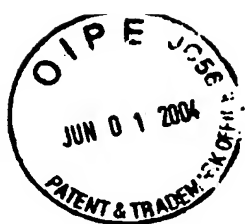
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: May 27, 2004


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Sheet 1 of 3

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. JANS-0042	Application No. 10/817,472
		Applicant Frans E. Janssens, et al.	
		Filing Date April 2, 2004	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	1	Akula, M. R. et al., "An Improved Synthesis of 3-Phenyl-and 3-Methoxyquinaldine," <i>Org. Prep. Proced. Int.</i> , 1991 , 23, pp. 386-387	
	2	Cerè, V. et al., "Catalytic Hydrogenation of Benzo[2.1.3]Oxadiazoles," <i>Tetrahedron</i> , 1972 , 28, 3271-3276	
	3	Chiba, T. et al., "Inhibitory Effect of Pyridobenzazoles on Virus Replication in vitro," <i>Biol Pharm Bull</i> , 1995 , 18(8), 1081-1083	
	4	Goodman and Gilman, "Biotransformation of Drugs," in <i>The Pharmacological Basis of Therapeutics</i> , 8 th ed., McGraw-Hill, Int. Ed. 1992 , 13-15	
	5	Greene, T. et al., <i>Protective Groups in Organic Synthesis</i> , John Wiley & Sons Inc., 1991 , Chapter 7	
	6	Lindström, S. et al., "Synthesis of the Mutagenic 2-Amino-1,6-Dimethyl-Imidazo[4,5- <i>b</i>]Pyridine (1,6-DMIP) and Five of Its Isomers," <i>Heterocycles</i> , 1994 , 38(3), 529-540	
	7	Richardson, Jr. et al. "Study of the Synthesis and Chemistry of the 5,6-Dihydroimidazo[<i>ij</i>]quinoline Series," <i>J. Org. Chem.</i> , 1960 , 25, 1138-1147	
	8	Tidwell, R. et al., "Aromatic Amidines: Comparison of Their Ability to Block Respiratory Syncytial Virus Induced Cell Fusion and to Inhibit Plasmin, Urokinase, Thrombin, and Trypsin," <i>J Med Chem</i> , 1983 , 26, 294-298	
	9	Wyde et al., "CL387626 exhibits marked and unusual antiviral activity against respiratory syncytial virus in tissue culture and in cotton rats," <i>Antivirus Research</i> , 1998 , 38, 31-42	
EXAMINER		DATE CONSIDERED	

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	10	4,634,704	01/06/87	Janssens, et al.	514	253
	11	4,695,569	09/22/87	Janssens, et al.	514	258
	12	5,360,807	11/01/94	Janssens, et al.	514	318

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	13	0 005 318 A1	11/14/79	EP		
	14	0 099 139 A2	01/25/84	EP		
	15	0 144 101 A2	06/12/85	EP		
	16	0 145 037 A2	06/19/85	EP		
	17	0 151 824 A2	08/21/85	EP		
	18	0 151 826 A1	08/21/85	EP		
	19	0 232 937 A2	08/19/87	EP		
	20	0 295 742 A1	12/21/88	EP		
	21	0 297 661 A1	01/04/89	EP		
	22	0 307 014 A1	03/15/89	EP		
	23	0 747 363 A1	12/11/96	EP		

EXAMINER

DATE CONSIDERED

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				Filing Date April 2, 2004		Group Not Yet Assigned	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	24	WO 92/01687 A1	02/06/92	WIPO			
	25	WO 92/01697 A1	02/06/92	WIPO			
	26	WO 98/10764 A1	03/19/98	WIPO			
	27	WO 98/31363 A1	07/23/98	WIPO			
	28	WO 98/55120 A1	12/10/98	WIPO			
EXAMINER				DATE CONSIDERED			